

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

**UTILITY
PATENT APPLICATION
TRANSMITTAL**Only for new nonprovisional applications under
37 C.F.R. § 1.53(b))

Attorney Docket No.

706893US1

First Inventor or
Application Identifier

Wen-Jun Wu, Jonathan C. Ostling

Title Automated Tool and Workspace Analysis

Express Mail Label No.

EL349907227US as deposited on: 4/16/04

APPLICATION ELEMENTSSee MPEP Chapter 600 concerning utility patent
application contents.

ADDRESS TO: MS Patent Application

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

- 1.
- ☒
- *Fee Transmittal Form (e.g. PTO/SB/17)
-
- (Submit an original and a duplicate for fee processing)

- 5.
- ☐
- Microfiche Computer Program (Appendix)

- 2.
- ☒
- Specification [Total Pages
- 13
-]

(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed Sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims(s)
- Abstract of the Disclosure

6. Nucleotide and/or Amino Acid Sequence Submission
-
- (If applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

2A. ☐ Preliminary Amendment: Please insert the following
sentence prior to the first line of the specification of the application:
This application claims the benefit of U.S. Provisional Application
Serial No. _____, filed _____.

- 3.
- ☒
- Drawing(s) (35 U.S.C. 113) [Total Sheets
- 5
-]

4. Oath or Declaration [Total Pages
- 2
-]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63 (d))
(for continuation/divisional with Box 16 completed)

- i.
- ☐
- DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s)
Named in the prior application, see 37 C.F.R.
§ 1.63(d)(2) and 1.33 (b).***NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY
SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS
REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR
APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

16. If a
- CONTINUING APPLICATION**
- , Check appropriate box, and supply the requisite information below and in a preliminary amendment:
-
- ☐
- Continuation
- ☐
- Divisional
- ☐
- Continuation-in-part (CIP) of prior application No. _____

Prior application information: Examiner _____

FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The
incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**17. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label **24938** or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

| | | | | | |
|---------|--|-----------|----------------|----------|----------------|
| Name | Ralph E Smith | | | | |
| | DaimlerChrysler Intellectual Capital Corporation | | | | |
| Address | CIMS 483-02-19 | | | | |
| | 800 Chrysler Drive | | | | |
| City | Auburn Hills | State | Michigan | Zip Code | 48326-2757 |
| Country | United States | Telephone | (248) 944-6519 | Fax | (248) 944-6537 |

| | | | |
|----------------------|-----------------|------------------|---------|
| Name (Print or Type) | Ralph E Smith | Registration No. | 35,474 |
| Signature | <i>Ralph ES</i> | Date | 4/16/04 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office,
Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box
Patent Application, Washington, D.C. 20231.22581 U.S. PTO
10/826607

041604

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL**For FY 2001**

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.**Complete if Known**

Application Number

Filing Date

First Named Inventor

Wen-Jun Wu

Examiner Name

Group / Art Unit

Attorney Docket No.

706893US1

TOTAL AMOUNT OF PAYMENT

(\$) 770

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

03-1800

Deposit Account Name

DaimlerChrysler Intellectual Capital Corporation

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 1001 | 770 | 2001 | 385 | Utility filing fee | 770 |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | 770 |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claim | Fee from below | Fee Paid |
|--------------------|-------------|----------------|----------|
| 15 | -20** = 0 | X 0 | = 0 |
| Independent Claims | 2 | - 3** = 0 | X 0 = 0 |
| Multiple Dependent | | 290 | = 0 |

**or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|--------------------------|-----------------------|-----------------------|-----------------------|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$) | | | | |

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|------------------------------------|-----------------------|-----------------------|-----------------------|---|----------|
| 105 | 130 | 205 | 65 | Surcharge-late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge-late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for examination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Discl. Stmt. | |
| 581 | 40 | 581 | 40 | Recording of each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (34 CFR 1.129(b)) | |
| Other fee (specify) _____ | | | | | |
| Other fee (specify) _____ | | | | | |
| * Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) | | | | | (\$) |

0

SUBMITTED BY

Typed or Printed Name

Ralph E Smith

Signature

Ralph E Smith

Date

4/16/04

Complete (if applicable)

Reg. Number

35,474

Deposit Account User ID